

Fig. 1A

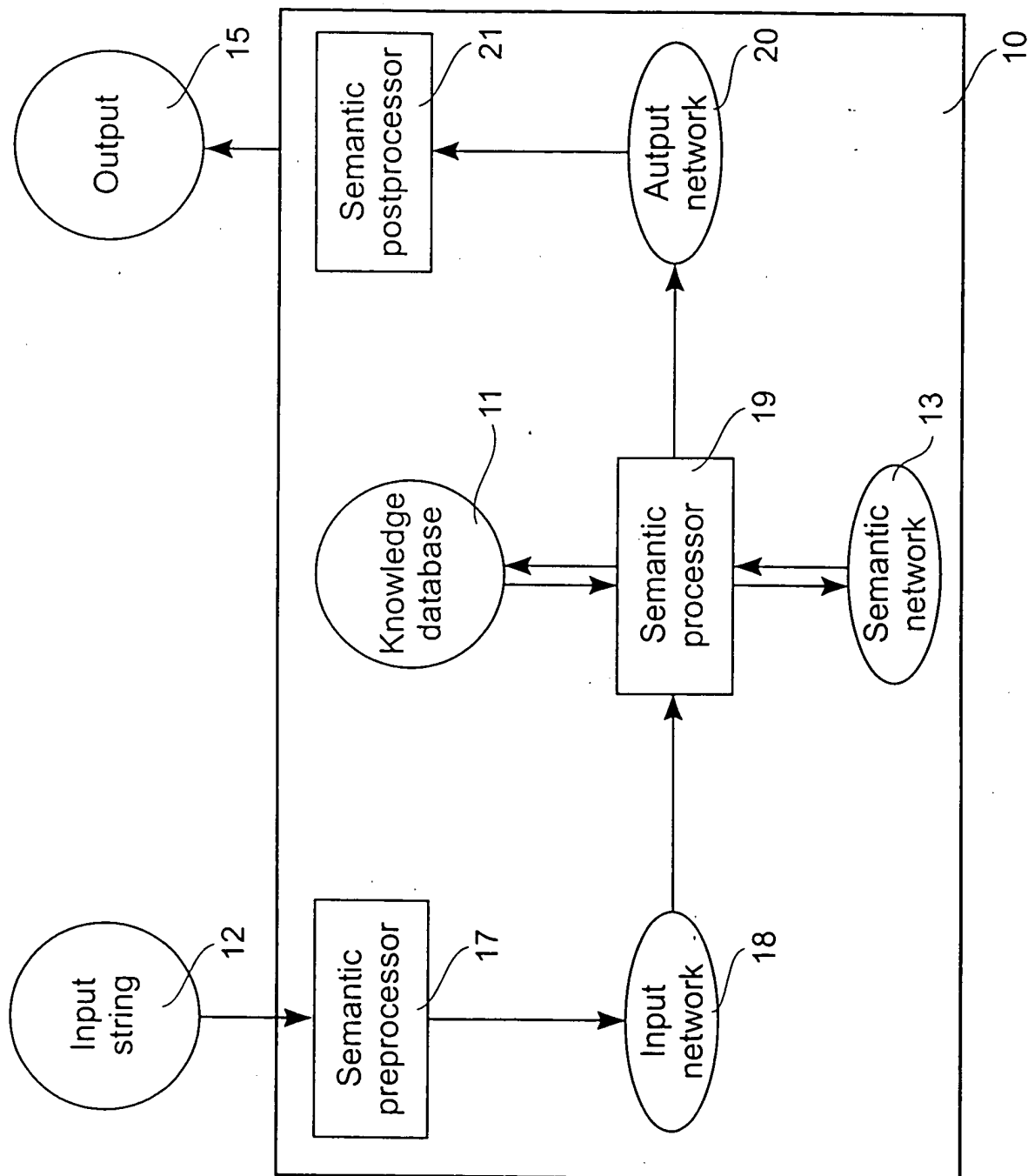


Fig. 1B

FIG. 1B

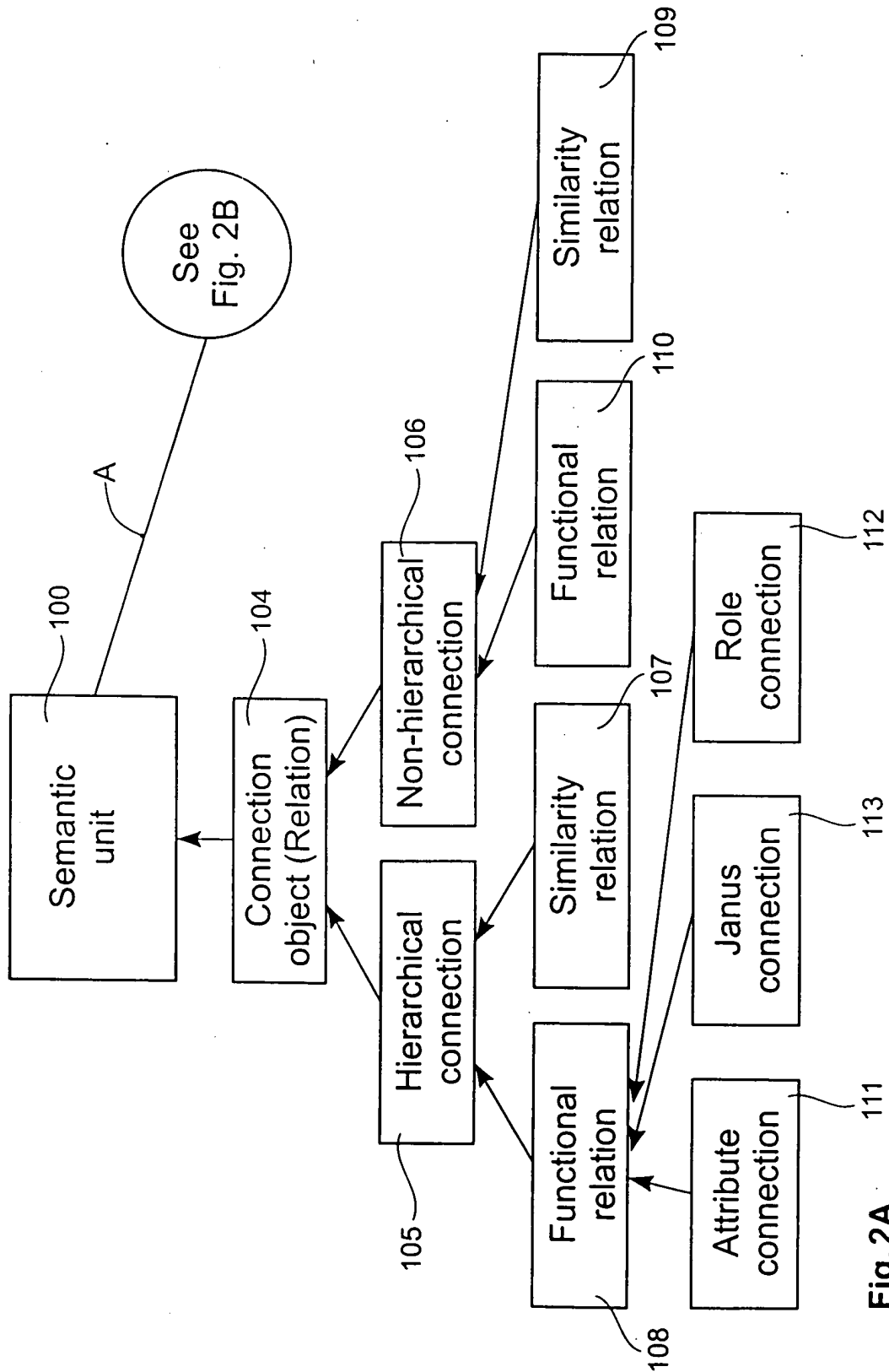


Fig. 2A

Patent 8,698,850

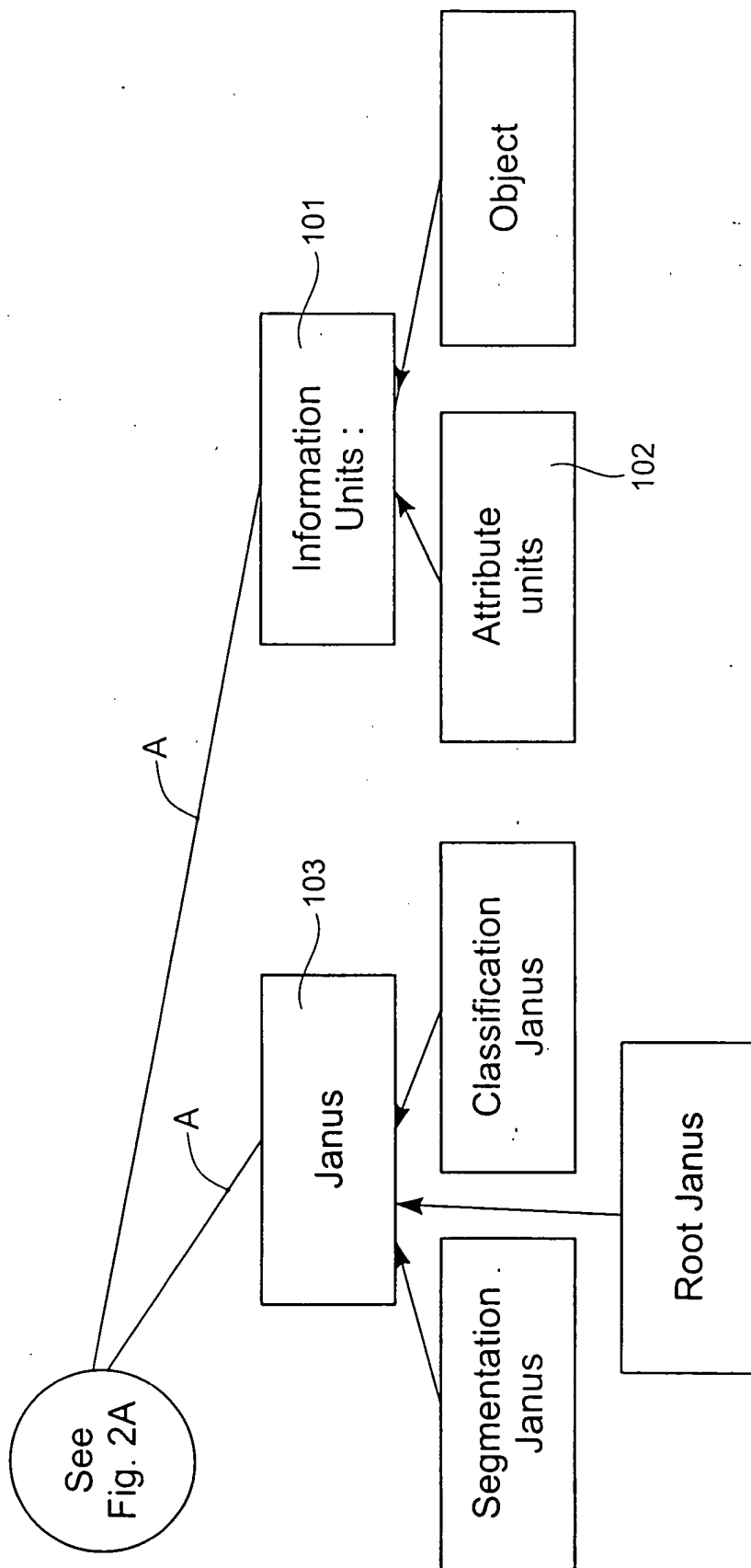


Fig. 2B

FIG. 2B

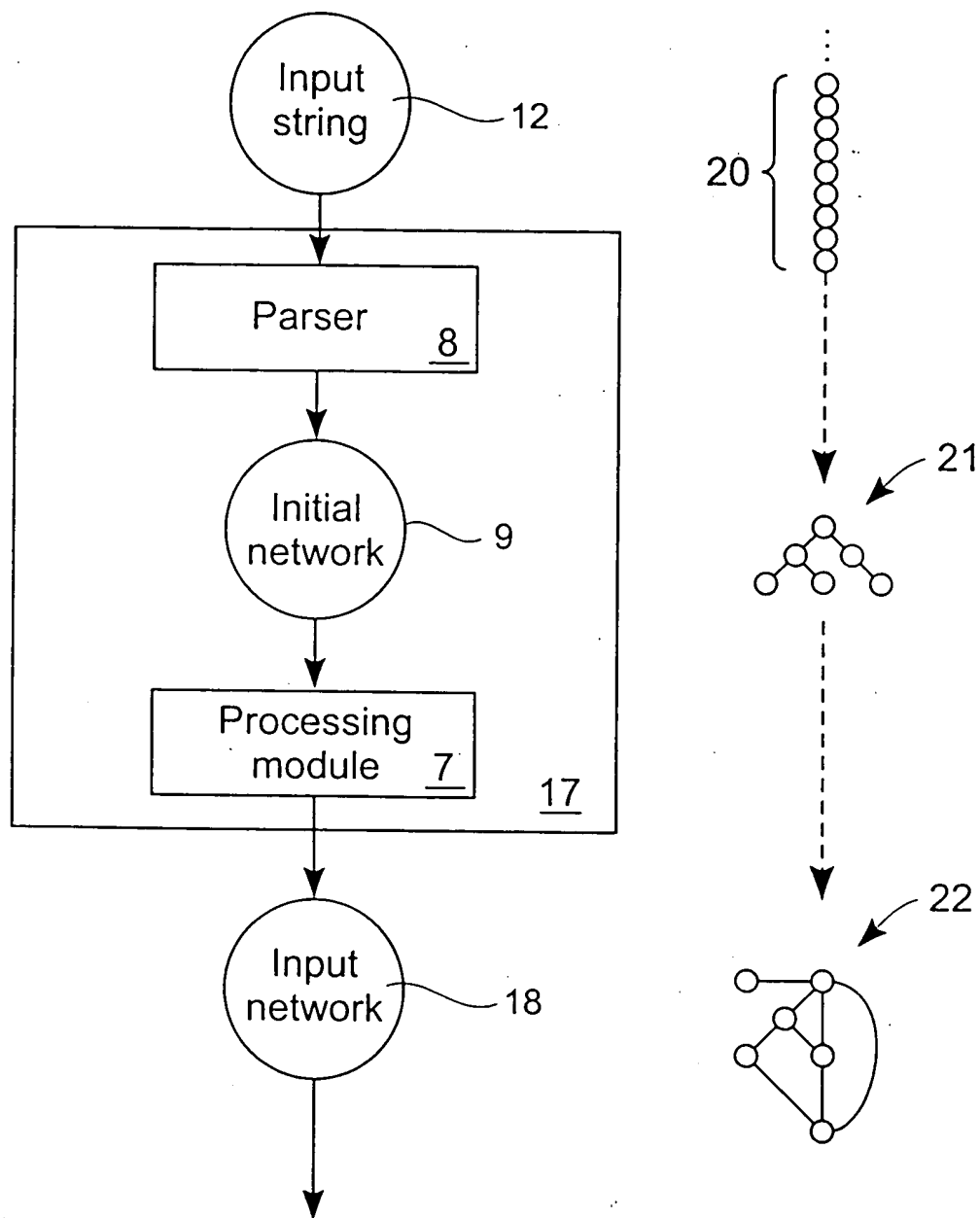


Fig. 3

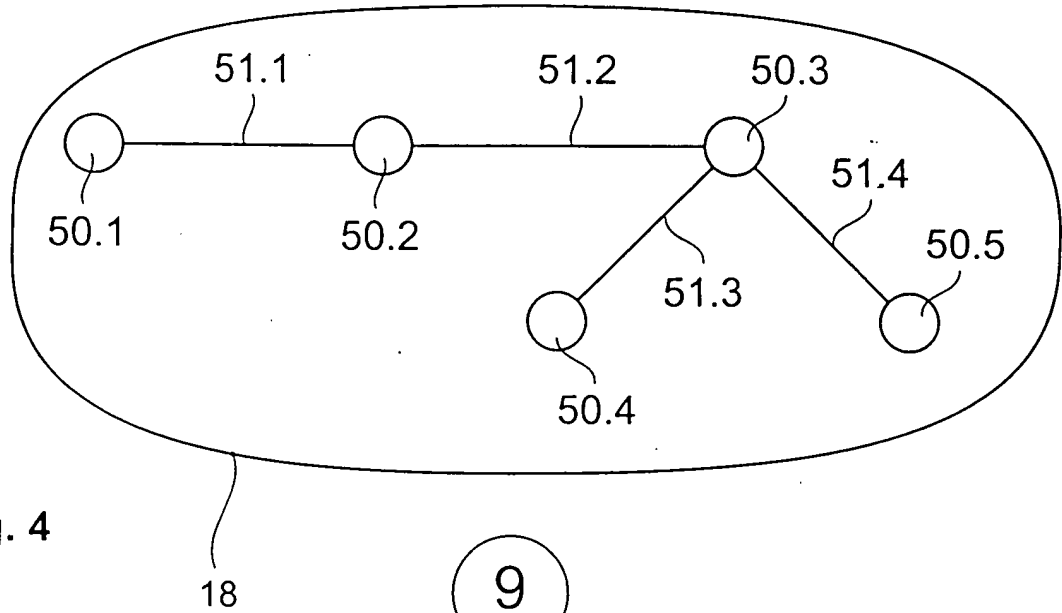


Fig. 4

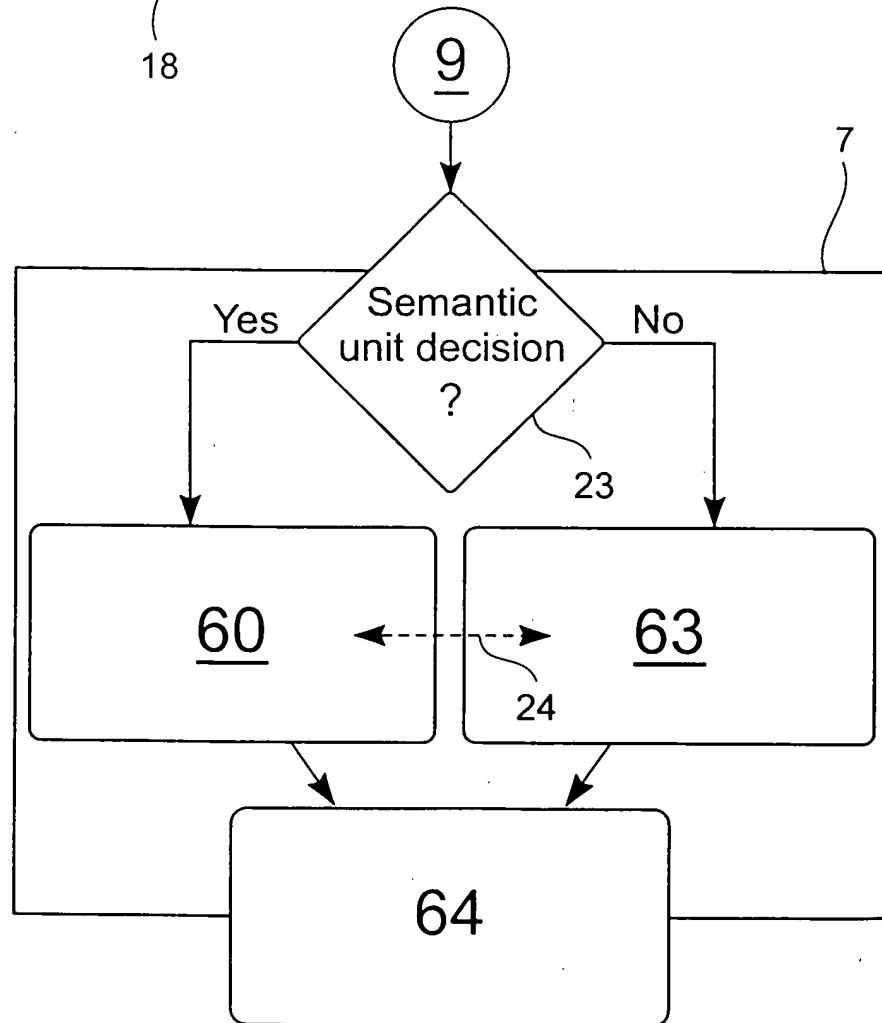


Fig. 7

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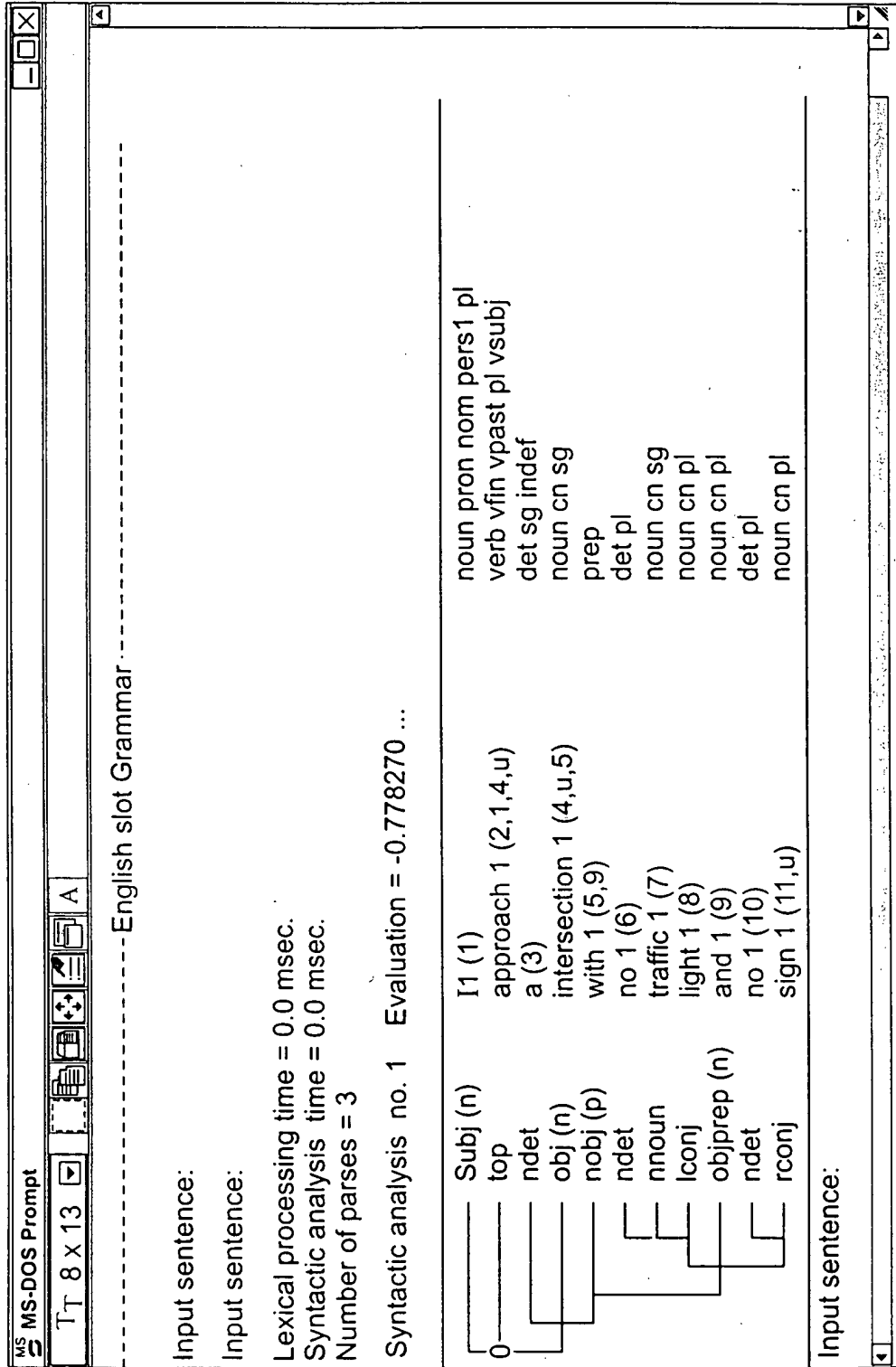


Fig. 5A

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FIG. 5B

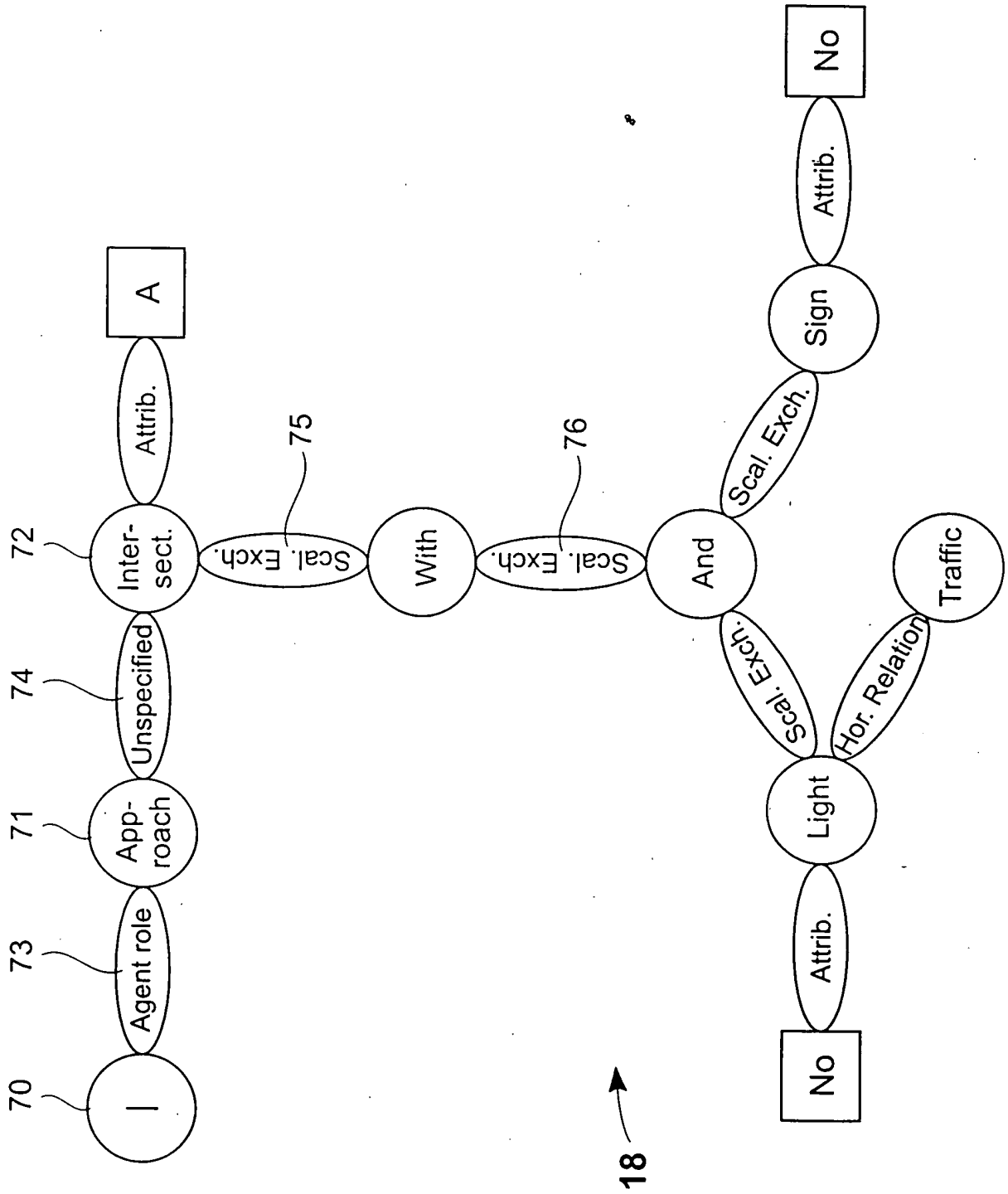


Fig. 5B



## SEMANTIC UNIT DECISIONS:

- 60 {
- 0-element of the Syntax Type String = 'NOUN' --> object 'INFORMATION'
  - 0-element of the Syntax Type String = 'VERB' --> object 'INFORMATION'
  - 0-element of the Syntax Type String = 'SUBCONJ' --> object 'INFORMATION'
  - 0-element of the Syntax Type String = 'PREP' --> object 'INFORMATION'
  - 0-element of the Syntax Type String = 'DET' --> object 'ATTRIBUTE'
  - 0-element of the Syntax Type String = 'ADV' --> object 'ATTRIBUTE'
  - 0-element of the Syntax Type String = 'ADJ' --> object 'ATTRIBUTE'
  - 0-element of the Syntax Type String = 'INFTO' --> object 'ATTRIBUTE'
  - 0-element of the Syntax Type String = 'QUAL' --> object 'Information'

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## CONNECTION DECISIONS:

- 63 {
- 1) SyntaxTypeString (element 0) = VERB  
Slot (element 0) = the other word's position  
OtherSyntaxType String (element 0) = NOUN  
.....  
→ Create agentrole connection (typ 0)
  - 2) SyntaxTypeString (element 0) = VERB  
Slot (element 1) = the other word's position  
OtherSyntaxTypeString (element 0) = NOUN  
No passive form  
No gerund form  
.....  
→ Create objectrole connection (type 1)
  - 3) other words entry type is 2  
.....  
→ Create attribute connection
  - 4) SyntaxTypeString (element 0) = NOUN  
OtherWord = WITH  
.....  
→ Create scaling exchange connection
  - 5) OtherSemanticalTypeString = NNOUN

Fig. 6A

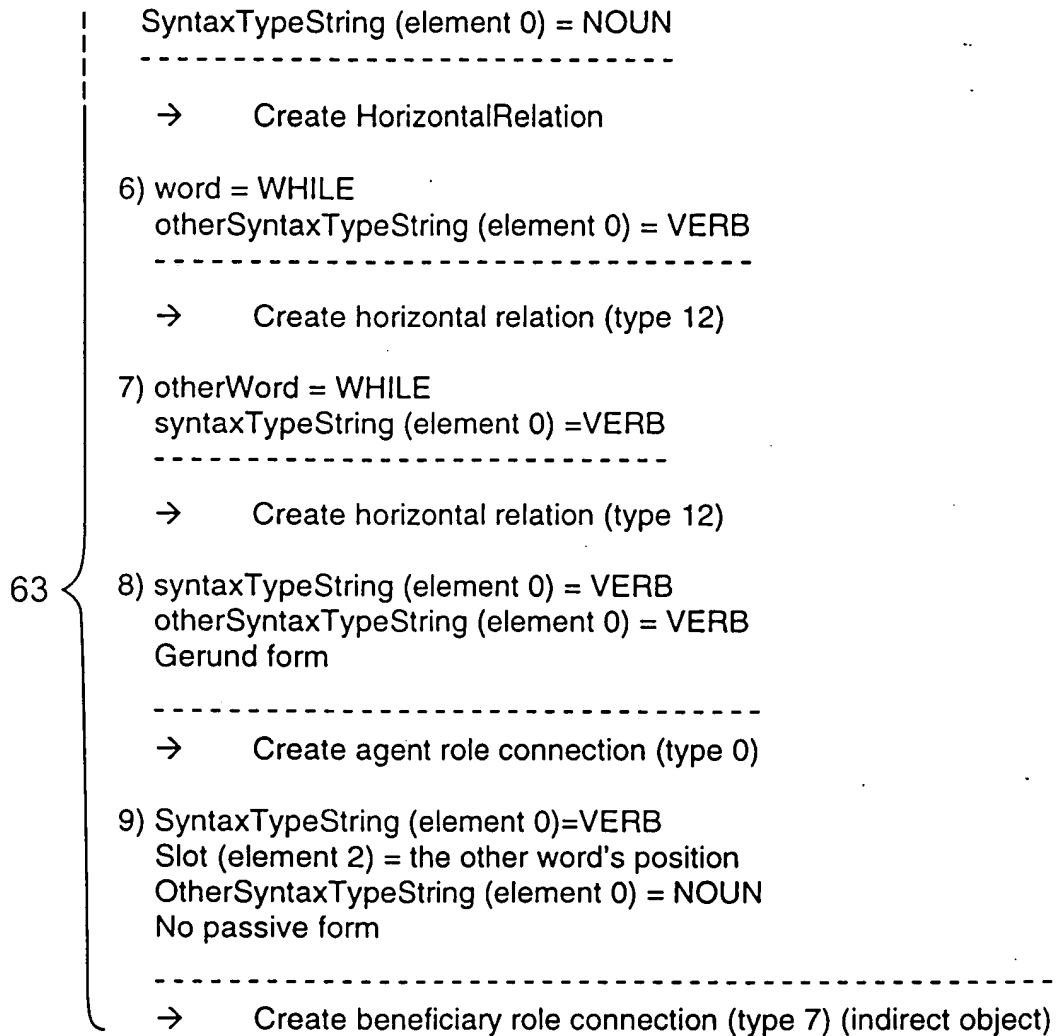


Fig. 6B